

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: MATEU CLIMENT, Salvador

SERIAL NO.: 10/597,891

ART UNIT: 3635

FILED: April 18, 2008

EXAMINER: Triggs, A. J.

TITLE: STRUCTURAL ARRANGEMENT WHICH ASSISTS RAPID FIRE LOAD  
COMBUSTION AND SMOKE AND GAS EVACUATION

Amendment A: CLAIM AMENDMENTS

1. (canceled)

2. (canceled)

3. (canceled)

4. (new) An assembly for rapid consumption of a combustible load located within reach of  
a fire so as to remove smoke and hot gasses produced by the fire, the assembly comprising:

an outside facade sheet formed of a fire-resistant material;

an inside facade sheet formed of a fire-resistant material, said outside facade sheet  
being spaced from said inside facade sheet so as to define an air chamber extending generally vertical  
therebetween;

a first horizontal layer extending below said outside facade sheet and said inside  
facade sheet, said first horizontal layer being formed of wrought iron;

a second horizontal layer positioned above said first horizontal layer, said air chamber  
extending through said second horizontal layer, said first and second horizontal layers defining a  
space therebetween, said space suitable for having the combustible load therein, said second  
horizontal layer having a conduit extending therethrough, said conduit having an entrance opening

to said space, said conduit extending upwardly so as to have an exit communicating with said air chamber in a location above said second horizontal layer, said outside facade sheet having an air channel having one end opening at an outer side of said outside facade sheet and an opposite end opening to said air chamber in a position below said exit of said conduit and above said second horizontal layer.

5. (new) The assembly of Claim 4, said entrance of said conduit having a combustible material extending thereover, said combustible material being ignitable at a temperature of between approximately 100°C and 150°C.